

WO 01/69012

8

PCT/FI01/00206

Claims

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1. A system especially for the construction of fuel distribution forecourts, in which the forecourt contains at least one petrol pump (17), possibly an automatic dispenser connected to it (9), particularly for a pillar (4) erected on a concrete footing (2) to support the canopy and necessary electrical and pipework systems for the drawing of fuel from the fuel storage tank and for distribution to motor-vehicles or equivalent, **characterized** in that the pumps (17), automatic dispenser (9) and other necessary ground-based equipment are fitted to the island (6,7), which is supported by means of adjustable columns on the pillar's (4) concrete island (2).
 2. A system according to claim 1, **characterized** in that the columns (11,12) are fitted with a plastic surface to enable the possibility of sealed connection to the protective membrane (16), for example, by welding to the membranes plastic surface.
 3. A system according to claim 1, **characterized** in that the island (6,7) is understood to include pre-fitted fuel pumps, automatic dispensers and sumps (8,10).
 4. A system according to any of the above claims, **characterized** in that there are also adjusting rods (18) coming through holes (19) in the island for making the after installation adjusting of island possible.
 5. A method for the accomplishment of a system specifically intended for fuel distribution, whereby the system includes at least one distribution pump (17), possibly an automatic dispenser (9) connected to it, a pillar (4), specifically fitted to a concrete footing (2) to support the canopy and necessary electrical and pipework for the drawing of fuel from the fuel storage tank and dispensing to motor vehicles or equivalent, for which the footing for the roof is installed to the desired depth, **characterized** in that the island (6,7), which contains pre-fitted pumps (17), automatic dispensers (9) and other necessary ground based equipment, is supported with the aid of vertically adjustable, column-like member's (11,12) which are attached to the pillar's (4) concrete footing (2).
 6. A method according to claim 5, **characterized** in that a sealed protective

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WO 01/69012

9

PCT/FI01/00206

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membrane (16), which is welded to or otherwise sealed to the footing (2) or to the pillar (4) and also to the columns (11,12) and the sumps (8,10), is an essential component of this system.

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FOOTING OF FOOT